

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) ~~A unit~~ An apparatus for sending from a base station (10) to terminals in a telecommunications system, said ~~unit~~ apparatus comprising at least ~~two~~ first and second sending channels or first and second groups of sending channels (12, 14) adapted to send on a plurality of adjacent carrier frequencies, ~~said channels being able to send~~ in spatial diversity mode so that the same information may be sent by the first and second sending channels or the first and second groups of sending channels on the same carrier frequency or frequencies, ~~which unit is characterized in that~~ wherein the first sending channels or groups the first group of sending channels use uses a first set of adjacent carrier frequencies, the second sending channel or the second group of sending channels uses a second set of adjacent carrier frequencies, each of the first and second sets of adjacent carrier frequencies includes at least one common carrier frequency (F_2, F_3) for sending in spatial diversity mode, and the first set of the adjacent carrier frequencies at least one of the channels or groups of channels comprises further includes at least one different carrier frequency (F_1, F_4) for sending without spatial diversity or with a lower degree of spatial diversity, and the different carrier frequency is not included in the second set of adjacent carrier frequencies.
2. (Currently Amended) ~~A unit~~ The apparatus according to claim 1, ~~characterized in that~~ wherein each of the first and second sending channels or the first and second groups of

sending channels uses at least one carrier frequency for sending without spatial diversity or with a lower degree of spatial diversity.

3. (Currently Amended) ~~A unit~~ The apparatus according to claim 1, ~~characterized in that~~ wherein at least one of the first and second sending channels comprises a power amplifier ~~able configured~~ to send on ~~a the~~ plurality of carrier frequencies, and ~~the~~ active frequencies of ~~which the plurality of carrier frequencies are~~ may be selected by programming ~~them~~.

4. (Currently Amended) ~~A unit~~ The apparatus according to claim 1, ~~characterized in that it comprises~~ further comprising means for modifying ~~the a~~ sending frequency during a call or during a standby period and for each of the terminals in the area covered by the station, from a first frequency with spatial diversity to a second frequency without spatial diversity or with a lower degree of spatial diversity than for the first frequency, and vice-versa.

5. (Currently Amended) ~~A unit~~ The apparatus according to claim 4, ~~characterized in that~~ wherein changing from a first frequency with spatial diversity to a second frequency without spatial diversity or with a lower degree of spatial diversity, or vice versa, is effected as a function of at least one of the following parameters: ~~the an~~ estimated position of the terminal relative to the base station, ~~the a~~ bit rate of ~~the a~~ call from the base station to the terminal, ~~the a~~ level or quality of reception of signals by the terminal, ~~the a~~ power necessary for calling the terminal, and ~~the a~~ class and type of subscription of the terminal.

6. (Currently Amended) ~~A unit~~ The apparatus according to claim 4, ~~characterized in that it further comprises~~ comprising a device (18) for assigning radio resources adapted to modify the sending frequency used for each call to a terminal.

7. (Currently Amended) ~~A unit~~ The apparatus according to claim 1, ~~characterized in that it comprises two~~ each of the first and second groups of sending channels and each group comprises uses at least one frequency used with spatial diversity only for that group and at least one other frequency used with spatial diversity for both groups.

8. (Original) Application of a channel according to claim 1 to a telecommunications system conforming to the UMTS, CDMA 2000, or DOCOMO standard.

9. (Original) Application of a channel according to claim 4 to a telecommunications system able to reassign frequencies during a call and/or in a standby mode of the terminals.